

LTBLED12 LED Combination Masthead and All-Round White (Anchor) Light

The above light is designed for use on sail or power driven vessels under 20 meters (65.6 ft.) in length operating on a nominal 12 volt system. In order to comply with '72 COLREGS and U.S. Inland Rules, the following must be adhered to:

MOUNTING INFORMATION

Read all instructions before proceeding.

- 1) These instructions show the orientation of each light. For proper light selection, positioning and configuration, refer to A.B.Y.C. Standard A-16*, the '72 COLREGS and the U.S. Inland Navigation Rules*. These lights are supplied complete with 12 volt LED's. LED lights have no user serviceable parts.
- 2) These lights are designed to be mounted on a horizontal surface.
- 3) These lights are furnished for mounting such that the long dimension of the mounting base is parallel to the fore-aft centerline of the boat.
- 4) This light is furnished with a 3/4 inch tube and is designed to be mounted vertically into a 3/4 inch hole.
- 5) WIRING: Please choose from the configurations that meet your current wiring.

Attach supply connections to the light making sure to wire in accordance with both A.B.Y.C. Standard E4* and U.S. Coast Guard Safety Standards for Boat Electrical Systems (33 CFR 183)*.

The connection wires are coded as follows:

WHITE: Steaming: Forward compartment only (masthead light) positive lead supply.
 RED: Anchor: Forward compartment and aft compartment (anchor light) positive lead supply.
 BLACK: Ground: Negative lead supply.

Electrical connections are to be made such that only the forward compartment (masthead light) is energized with the other running lights (sidelights, stern lights etc.) while underway. Both compartments are energized simultaneously by themselves to create the all-round (anchor) light.

- 6) Make sure the top of the light is vertical during operation (see illustration) and the arrow on the top cover points ahead (not astern), with the reference mark parallel to the fore-aft centerline of the boat.

*The above referenced standards can be obtained from:

- (1). American Boat & Yacht Council, Inc. 613 Third Street, Suite 10 Annapolis, MD 21403
- (2). U.S. Coast Guard Washington D.C. 20593 (or your local C.G. office)

WIRING DIAGRAMS

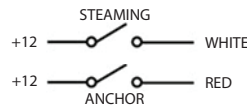


Diagram A
(Rotary Switch)



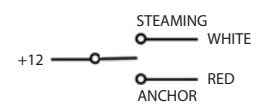
| White | Red | Light Status |
|-------|-----|--------------|
| 0 | 0 | OFF |
| +12 | 0 | Steaming |
| 0 | +12 | Anchor |

Diagram B
(Two Switches)



| White | Red | Light Status |
|-------|-----|--------------|
| 0 | 0 | OFF |
| +12 | 0 | Steaming |
| 0 | +12 | Anchor |
| +12 | +12 | Anchor |

Diagram C
(SPDT Toggle Switch)



| White | Red | Light Status |
|-------|-----|--------------|
| +12 | 0 | Steaming |
| 0 | 0 | OFF |
| 0 | +12 | Anchor |

CONFIRM LIGHT MOUNTING

Arrow should be pointing forward (Ahead)



APPROPRIATE WIRE INSTALLATION

Using Waterproof Butt Connectors (not included)

